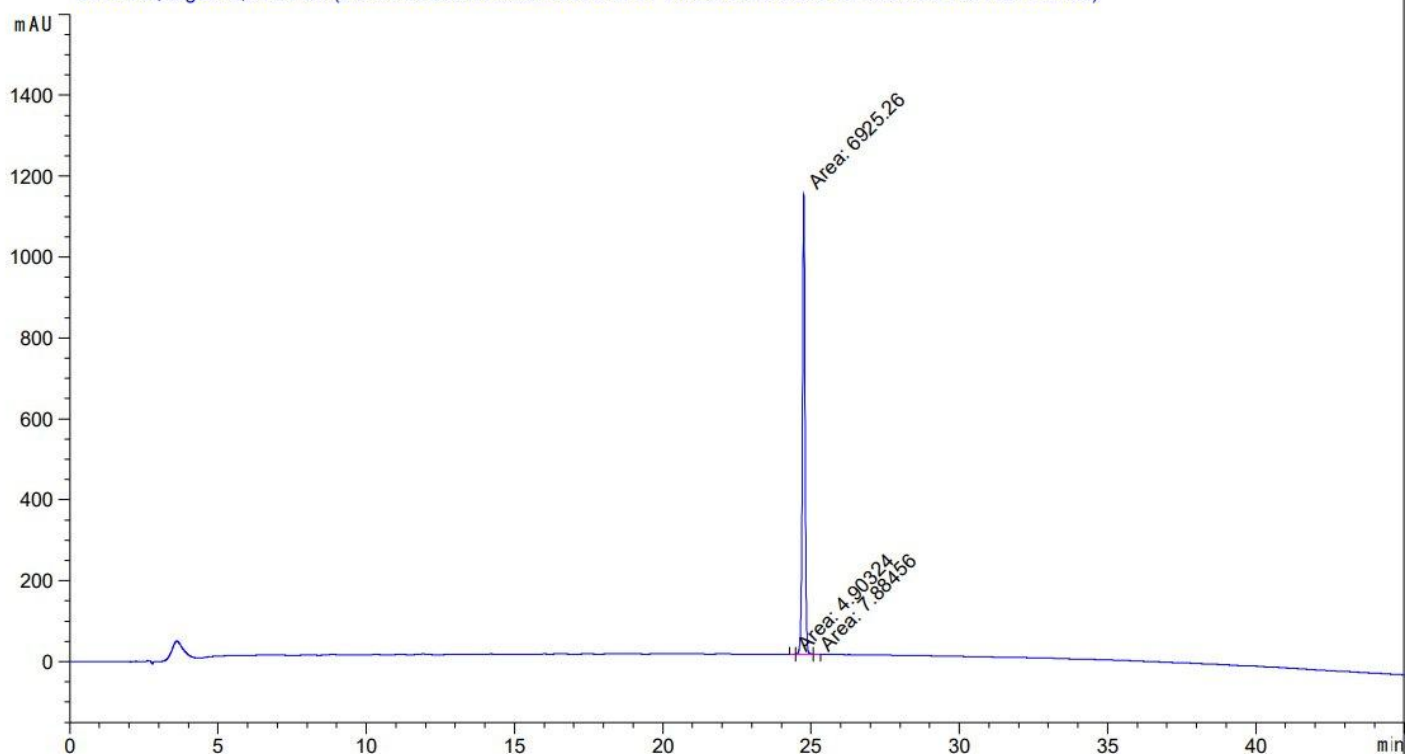


Sample name: retatrutide 40 mg, client-supplied
Batch/Lot: #261135
Appearance: white powder, clear after dissolution
Solvent: water:acetonitrile (9:1)

Purity by HPLC: 99.8%

Notes: (1) broad peak at 3.5 mins is from the solvent, and not part of the sample

MWD1 A, Sig=215,8 Ref=off (20260922\20260922QUANTUMPEPTIDES 2026-09-22 15-18-28\RETATRUTIDE1.D)



Column: C18 reversed phase; Detection: 215 nm UV
Solvent A, water + 0.1% TFA; Solvent B, acetonitrile + 0.1% TFA
Separation type: gradient

This is an industry-standard method for assessing impurities detectable by HPLC-UV@215; some impurities are only detectable by other methods

* The Lipidomics Core Facility does not certify any compounds or molecules for use in humans or animals

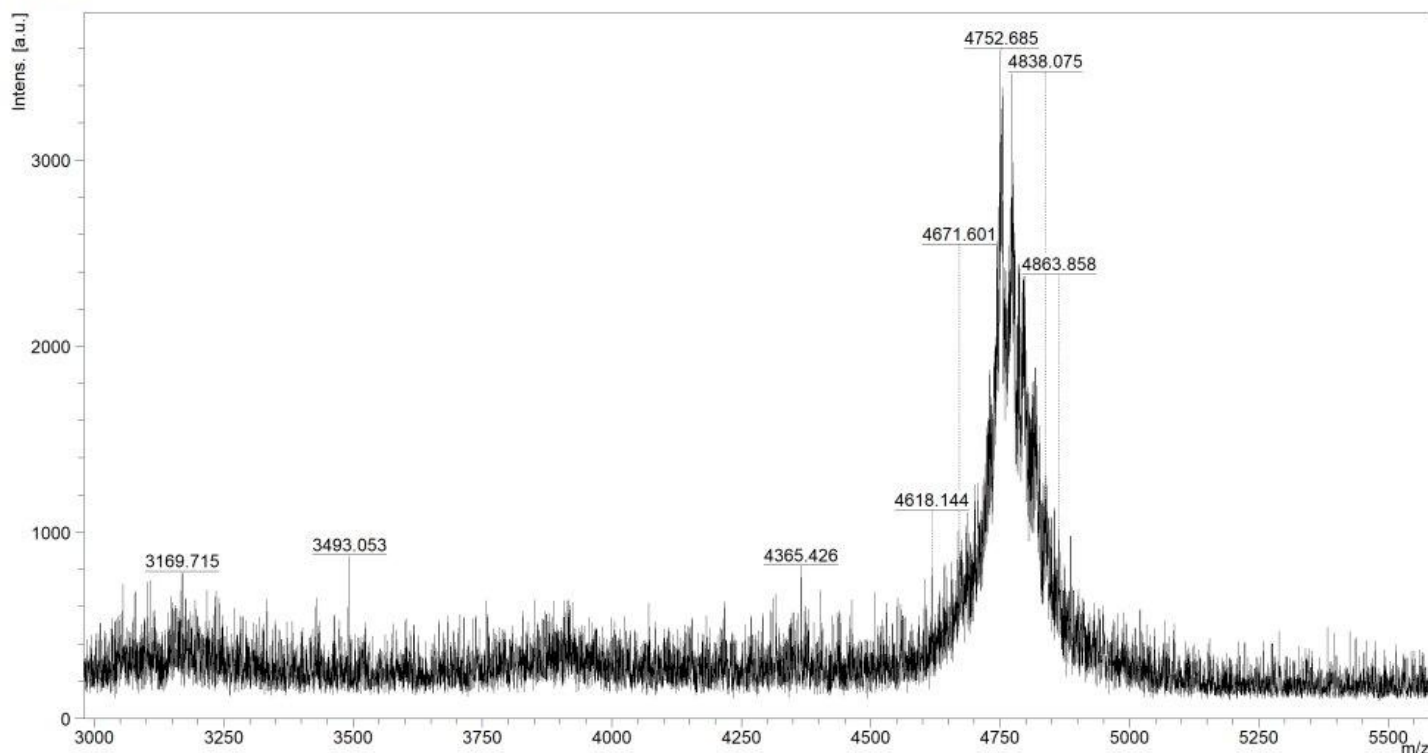
Analysis performed by: Audric Moses

September 22nd, 2026

Sample name: retatrutide 40 mg, client-supplied
Batch/Lot: #261135
Appearance: white powder, clear after dissolution
Solvent: water:acetonitrile (9:1)
Molecular weight of main peak: 4753 Da
Notes: (1) this is most likely retatrutide + sodium (a common variant)

D:\Data\2026\Lipidomics\20260919Quantum\retatrutide\0_D13\1\1Lin

Comment 1 retatrutide
Comment 2



Mass spectrometer: MALDI-TOF

Mass spectrometry provides confirmation that the compound of interest is present; it is not a measure of purity

* The Lipidomics Core Facility does not certify any compounds or molecules for use in humans or animals

Analysis performed by: Audric Moses

September 19th, 2026